

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8	@ay<="1998" and (delet\$3 or uninstall\$3 or destroy\$3 or remov\$3) with after with (finish\$3 or execut\$4 or process\$3 or run\$4) with (application or software or module or function) with (device or server) same network	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/09/03 15:20
L2	65	(("709/203").CCLS.) and (RPC or remot\$4 adj proce\$4 adj call\$4) same execut\$5 same (function\$4 or modul\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:15
L3	27	(("709/203").CCLS.) and (RPC or remot\$4 adj proce\$4 adj call\$4) same execut\$5 same (function\$4 or modul\$4) and @ay<="1998"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:16
L4	25	(("709/217").CCLS.) and (RPC or remot\$4 adj proce\$4 adj call\$4) same execut\$5 same (function\$4 or modul\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:16
L5	7	(("709/218").CCLS.) and (RPC or remot\$4 adj proce\$4 adj call\$4) same execut\$5 same (function\$4 or modul\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:17
L6	29	(("709/219").CCLS.) and (RPC or remot\$4 adj proce\$4 adj call\$4) same execut\$5 same (function\$4 or modul\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:16
L7	166	(("707/10").CCLS.) and client same server same memory with (function\$4 or modul\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:17
L8	35	(("707/10").CCLS.) and (RPC or remot\$4 adj proce\$4 adj call\$4) same execut\$5 same (function\$4 or modul\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:17
L9	63	709/214.ccls. and (execut\$4 same module\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:19
L10	168	709/213.ccls. and (execut\$4 same module\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:19

EAST Search History

L11	30	(delet\$3 or uninstall\$3 or destroy\$3 or remov\$3) with after with (finish\$3 or execut\$4 or process\$3 or run\$4) with (application or software or module or function) with (device or server) same network	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/09/03 15:34
L12	0	10 and 11	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/09/03 15:20
L13	0	reexecute and execut\$5 adj (function\$4 or modul\$4) and client with server.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:20
L14	55	(delet\$3 or uninstall\$3 or destroy\$3 or remov\$3) with after with (finish\$3 or execut\$4 or process\$3 or run\$4 or install\$3) with (application or software or module or function or driver) same (device or server) same network	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:21
L15	0	9 and 14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:21
L16	1769	((("709/227").CCLS.) and client with server and (modul\$4 or function\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:22
L17	1	14 and 16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:22
L18	40	(709/213.ccls. and 709/214.ccls.) and (execut\$4 same (module\$4 or function\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:23
L19	0	(sun-microsystems.as.) and distribut\$5 same computing same client same server same memory	USPAT	OR	ON	2006/09/03 15:24
L20	1	(sun-microsystems.as.) and client same server same memory	USPAT	OR	ON	2006/09/03 15:34
L21	8	MITSUBISHI-DENKI-KABUSHIKI-KAISH A.as.	USPAT	OR	ON	2006/09/03 15:25
L22	9	YAMAGUCHI-TOMOHISA.in.	USPAT	OR	ON	2006/09/03 15:25
L23	0	(execut\$4 near4 specific adj process\$6) and (client adj server and ((plurality or multiple) adj module\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:30

EAST Search History

L24	954	java same servlet same client same server and memory	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:31
L25	1012	storage and client near server and memory same request same execut\$5 same (function\$4 or module\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:31
L26	43	24 and 25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:31
L27	52	distributed adj computing and client adj server with (separate or different or remot\$4) with memory	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 16:24
L28	0	26 and 27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:32
L29	489	(java\$4 or remote adj procedure\$4 adj call or RPC or procedure\$4 adj call or DSOM or distribut\$4 adj system adj object adj model\$4 or RMI or remot\$4 adj method adj invocat\$4) same remot\$4 with storag\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:33
L30	96	("5379374" "5802367" "20050038898" "20050138113" "5819034" "5915090" "5915112" "6032199" "6130757" "6167458" "6189137" "5838910" "5894573" "6240442" "5276863" "5321808" "5423042" "5485579" "5539909" "5619697" "5640564" "5699518" "5887171" "5987523" "6065037" "6076085" "6243719" "6324683" "6374238" "6604123" "6868454" "7017163" "20010013055" "20010049817" "20020038257" "20020069130" "20020107999" "20030005456" "20030055916" "20030120703" "20040128667" "20040148328" "20050033799" "20060123092" "6212546" "6212546" "5317746" "5926636" "6473748" "6597469").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:33
L31	0	11 and 30	USPAT	OR	ON	2006/09/03 15:34
L32	4628	(delet\$3 or uninstall\$3 or destroy\$3 or remov\$3) with after with (finish\$3 or execut\$4 or process\$3 or run\$4) with (application or software or module or function)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/09/03 15:34

EAST Search History

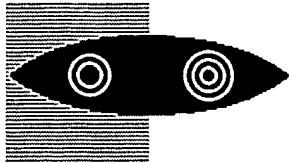
L33	2	30 and 32	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/09/03 15:34
L34	79	(client adj server same memory with (applications or modules or operations)) and (request and receiv\$4) and request\$4 same analyz\$4	USPAT	OR	ON	2006/09/03 15:37
L35	2	(client adj server same memory with (applications or modules or operations)) and (request and receiv\$4) and request\$4 same analyz\$4 with module\$4	USPAT	OR	ON	2006/09/03 15:37
L36	0	distributed adj computing and client\$4 same server\$4 with (separate or different or remot\$4) with memory same ((request\$4 same analyz\$4) with module\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:38
L37	5851	(java\$4 or remote adj procedure\$4 adj call or RPC or procedure\$4 adj call or DSOM or distribut\$4 adj system adj object adj model\$4 or RMI or remot\$4 adj method adj invocat\$4) same (remot\$4 with storag\$4 or memory or database) same (install\$4 or load\$4 or down adj load\$4 or download\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:39
L38	0	(java\$4 or remote adj procedure\$4 adj call or RPC or procedure\$4 adj call or DSOM or distribut\$4 adj system adj object adj model\$4 or RMI or remot\$4 adj method adj invocat\$4) same (remot\$4 with storag\$4 or memory or database) same (install\$4 or load\$4 or down adj load\$4 or download\$4) same ((request\$4 same analyz\$4) with module\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:39
L39	88	(java\$4 or remote adj procedure\$4 adj call or RPC or procedure\$4 adj call or DSOM or distribut\$4 adj system adj object adj model\$4 or RMI or remot\$4 adj method adj invocat\$4) same (remot\$4 with storag\$4 or memory or database) same (install\$4 or load\$4 or down adj load\$4 or download\$4) and ((request\$4 same analyz\$4) with module\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 15:39
L40	1281	RAID and java	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 16:03

EAST Search History

L41	8	java adj virtual adj machine and client adj server same memory.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 16:03
L42	533	execut\$4 near4 specific adj process\$6	USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 16:04
L43	0	39 and 42	USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 16:04
L44	0	34 and 42	USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 16:04
L45	3	32 and 42	USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 16:04
L46	37158	(receiv\$4 and request\$4 and stor\$4 and execut\$4) near20 (modul\$4 or function\$4 or application\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 16:21
L47	49	42 and 46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 16:21
L48	30	client same server same memory same (function\$4 or module\$4) near20 analyz\$4 with module	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 16:22
L49	9	client same server same memory same (function\$4 or module\$4) near20 analyz\$4 with module.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 16:22
L50	49	distributed adj computing and client adj server with (separate or different or remot\$4) near30 memory	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 16:24
L51	0	distributed adj computing and client adj server with (separate or different or remot\$4) near30 memory same analyz\$4 near20 module\$3 same receiving near20 module	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 16:25
L52	49	distributed adj computing and client adj server with (separate or different or remot\$4) near30 memory andanalyz\$4 near20 module\$3 same receiving near20 module	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 16:26

EAST Search History

L53	12	distributed adj computing and client adj server with (separate or different or remot\$4) near30 memory and analyz\$4 near20 module\$3 and receiving near20 module	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 16:26
L54	4	distributed adj computing and client adj server with (separate or different or remot\$4) near30 memory and analyz\$4 near20 module\$3 and receiving near20 module	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 17:16
L55	77	client adj server same (plurality adj4 (module\$2 or operation\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 17:19
L56	364	(client adj server same memory with (applications or modules or operations)) and (request and receiv\$4.ab.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 16:39
L57	0	55 and 56	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 16:56
L58	2	52 and 56	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 17:16
L59	37	client same server\$4 same remote with (execut\$6 adj (modules or processes or function\$4))	USPAT	OR	ON	2006/09/03 17:19
L60	99	client same server\$4 same remote with (execut\$6 adj (modules or processes or function\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 17:16
L61	2252	client same server same memory same execut\$4 near30 (function\$4 or module\$4 or application\$4 or process\$4)	USPAT	OR	ON	2006/09/03 17:21
L62	6257	client same server same memory same execut\$4 near30 (function\$4 or module\$4 or application\$4 or process\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/03 17:22
L63	53	client same server same memory same execut\$4 near30 (function\$4 or module\$4 or application\$4 or process\$4)	EPO; JPO	OR	ON	2006/09/03 17:22



Advanced Se:

Search using:

WEB RESULTS by **Google** (Showing Results 1 - 10 of 57,000)

1. [PSF-2005-001 - SimpleXMLRPCServer.py allows unrestricted traversal](#)

On vulnerable XML-RPC servers, a **remote** attacker may be able to view or modify globals of the **module(s)** containing the registered instance's class(es), ...
<http://www.python.org/news/security/PSF-2005-001/>

2. [REX: Secure, modular remote execution throughfile descriptor passing](#)

typically built into other **remote execution** tools, such as ... **RPC** and passes the data to the appropriate server **module**. The server **module** then sees the ...
<http://pdos.csail.mit.edu/papers/sfs:restr03/MIT-LCS-TR-884.pdf>

3. [docs.sun.com: man pages section 1M: System Administration Commands](#)

rpc.rexd is the Sun **RPC** server for **remote** program **execution**. ... listed through /etc/pam.conf, specifies the **modules** to be used for **rpc.rexd**
<http://docs.sun.com/app/docs/doc/816-0211/6m6nc675i%3Fa%3Dview>

4. [XML-RPC for PHP Remote Code Injection Vulnerability](#)

XML-RPC for PHP **Remote** Code Injection Vulnerability
Solution: S9Y Serendipity
0.8.2 has been released to address this issue. PEAR XML_RPC 1.3.1 is available ...
<http://www.securityfocus.com/bid/14088/solution>

5. [MATHLIB project home page](#)

The mechanism of executing the **remote** calls in the Grid **RPC** system is similar to the mechanism of **remote** function **execution** known from classic **RPC** systems. ...
<http://mathlib.psnc.pl/gridrpc.html>

6. [REX: Secure, Extensible Remote Execution](#)

and building a **remote execution** tool is to address this. diverse set of needs in a single, ... to rex prompts it to send an **RPC** to proxy, and similarly ...
<http://www.scs.cs.nyu.edu/~dbg/rex.pdf>

7.

Remote D2K Servers handle itinerary processing. If possible, **modules** should ...
Trace of **execute()** **RPC**. Client. Client submits an HTTP POST containing SOAP ...
<http://algddocs.ncsa.uiuc.edu/PR-20040828-1.ppt>

8. SecurityTracker.com Archives - (PostNuke Issues Advisory) XML-RPC ...

(PostNuke Issues Advisory) XML-RPC for PHP Lets **Remote Users Execute** ... and also remove /xmlrpc.php and the /**modules**/xmlrpc folder completely from the ...
<http://www.securitytracker.com/alerts/2005/Jul/1014353.html>

9. Modules, Objects and Distributed Programming: Issues in RPC and ...

21(1). 77-90 (JANUARY 1991). **Modules**, Objects and Distributed. Programming:
Issues in **RPC and Remote**. Object Invocation. HENRY M. LEVY AND EWAN D. TEMPERO ...
<http://www.cs.ubc.ca/rr/proceedings/spe91-95/spe/vol21/issue1/spe005hl...>

10. SANS Institute - @RISK: The Consensus Security Vulnerability Alert

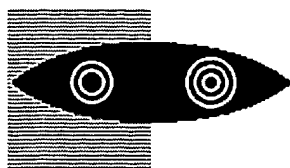
These vulnerabilities include arbitrary **remote code execution**, arbitrary file access, ... contains multiple remotely-exploitable **RPC** buffer overflows. ...
<http://www.sans.org/newsletters/risk/display.php%3Fv%3D5%26i%3D33%26rs...>

« **Previous** [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) **Next** »

Search for "**RPC and remote execution module**" using: [MSN](#) [Ask.com](#)

[Advertise](#) | [Help](#) | [Retriever](#) | [Yellow Pages](#) | [Privacy Policy](#) | [Terms & Conditions](#)

© Copyright 2006, Lycos, Inc. Lycos is a registered trademark of Lycos, Inc. All Rights Reserved.



Advanced Se:

Search using:

Sponsored Links

- **Find RPC and remote execution module...**
RPC and remote execution module and client and server and remote memory directory. Find RPC and remote execution module and...
 lottsy.com

WEB RESULTS by **Google** (Showing Results 1 - 10 of 57,000)

1. **Title Index**

... MULTOS: A Document **Server** for Distributed Office Systems ... Using Extensible Markup Language-**Remote** Procedure Calling (XML-**RPC**) in Blocks Extensible ...
<http://dret.net/biblio/titles>

2. **REX: Secure, modular remote execution throughfile descriptor passing**

end of this "**remote** socket pair." The **client** creates channels with a special **RPC** which. contains the name of the **server module** to run. Proxy re- ...
<http://pdos.csail.mit.edu/papers/sfs:rextr03/MIT-LCS-TR-884.pdf>

3. **SANS Institute - @RISK: The Consensus Security Vulnerability Alert**

These vulnerabilities include arbitrary **remote** code **execution**, arbitrary file ... This issue arises when the **client** receives malicious data from a **server**. ...
<http://www.sans.org/newsletters/risk/display.php%3Fv%3D5%26i%3D33%26rs...>

4. **REX: Secure, Extensible Remote Execution**

remote login sessions when the **client** and **server** both. change their IP addresses. ... to rex prompts it to send an **RPC** to proxy, and similarly ...
<http://www.scs.cs.nyu.edu/~dbg/rex.pdf>

5. **Symantec NetRecon 3.6 Security Update 28**

... 11261 MySQL Bounded Parameter Statement **Execution Remote** Buffer Overflow ...
 PHP Shared **Memory Module** Offset **Memory** Corruption Vulnerability 8201 PHP ...
<http://www.symantec.com/avcenter/security/Content/2006.03.22a.html>



Advanced Search

Search using:

WEB RESULTS by **Google** (Showing Results 1 - 10 of 262,000)

1. Microsoft Windows DHCP Client Service Remote Code Execution ...

Microsoft Windows DHCP Client service is susceptible to a **remote code-execution** vulnerability. This issue is due to a failure of the service to properly ...

<http://securityresponse.symantec.com/avcenter/security/Content/18923.h...>

2. Title Index

... IANA Considerations for RADIUS (**Remote** Authentication Dial In User Service)

... MULTOS: A Document **Server** for Distributed Office Systems ...

<http://dret.net/biblio/titles>

3. Apache httpd 2.0 vulnerabilities - The Apache HTTP Server Project

An issue was discovered in the mod_ssl module in Apache 2.0.44-2.0.50 which could be triggered if the **server** is configured to allow proxying to a **remote** SSL ...

http://httpd.apache.org/security/vulnerabilities_20.html

4. SANS Institute - @RISK: The Consensus Security Vulnerability Alert

These vulnerabilities include arbitrary **remote** code **execution**, arbitrary file

... This issue arises when the **client** receives malicious data from a **server**. ...

<http://www.sans.org/newsletters/risk/display.php%3Fv%3D5%26i%3D33%26rs...>

5. REX: Secure, modular remote execution throughfile descriptor passing

tance of secure **remote** login and **execution**. This paper. presents a new system,

... **server** had 512 Mbytes of **memory**. The **client** had. 896 Mbytes of **memory**. ...

<http://pdos.csail.mit.edu/papers/sfs:rextr03/MIT-LCS-TR-884.pdf>

6. REX: Secure, Extensible Remote Execution

remote login sessions when the **client** and **server** both. change their IP addresses.

The challenge in designing. and building a **remote** **execution** tool is to ...

<http://www.scs.cs.nyu.edu/~dbg/rex.pdf>


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Terms used

client server and remote memory and RPC and remote execution

Found 36,085 of 185,030

Sort results by


[Save results to a Binder](#)
[Try an Advanced Search](#)

Display results


[Search Tips](#)
[Try this search in The ACM Guide](#)
☐ Open results in a new window

Results 1 - 20 of 200

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

Best 200 shown

Relevance scale ☐ ☐ ☐ ☐ ☐

1 [Distributed systems - programming and management: On remote procedure call](#)

Patrícia Gomes Soares

 November 1992 **Proceedings of the 1992 conference of the Centre for Advanced Studies on Collaborative research - Volume 2**

Publisher: IBM Press

Full text available: pdf(4.52 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

The Remote Procedure Call (RPC) paradigm is reviewed. The concept is described, along with the backbone structure of the mechanisms that support it. An overview of works in supporting these mechanisms is discussed. Extensions to the paradigm that have been proposed to enlarge its suitability, are studied. The main contributions of this paper are a standard view and classification of RPC mechanisms according to different perspectives, and a snapshot of the paradigm in use today and of goals for t ...

2 [Lightweight remote procedure call](#)



Brian N. Bershad, Thomas E. Anderson, Edward D. Lazowska, Henry M. Levy

February 1990 **ACM Transactions on Computer Systems (TOCS)**, Volume 8 Issue 1

Publisher: ACM Press

Full text available: pdf(1.60 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Lightweight Remote Procedure Call (LRPC) is a communication facility designed and optimized for communication between protection domains on the same machine. In contemporary small-kernel operating systems, existing RPC systems incur an unnecessarily high cost when used for the type of communication that predominates—between protection domains on the same machine. This cost leads system designers to coalesce weakly related subsystems into the same protection domain, trading safety for ...

3 [Delegating remote operation execution in a mobile computing environment](#)

Dietmar A. Kottmann, Ralph Wittmann, Markus Posur

December 1996 **Mobile Networks and Applications**, Volume 1 Issue 4

Publisher: Kluwer Academic Publishers

Full text available: pdf(333.06 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Remote operation execution is nowadays the most popular paradigm used to build distributed systems and applications. This success originates in the simplicity exhibited by


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Terms used

client server and remote memory and remote execution modules

Found 44,463 of 185,030

Sort results by


[Save results to a Binder](#)
[Try an Advanced Search](#)
[Try this search in The ACM Guide](#)

Display results


[Search Tips](#)
☐ Open results in a new window

Results 1 - 20 of 200

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

Best 200 shown

Relevance scale ☐ ☐ ☐ ☐ ☐

1 [Distributed systems - programming and management: On remote procedure call](#)

Patrícia Gomes Soares

 November 1992 **Proceedings of the 1992 conference of the Centre for Advanced Studies on Collaborative research - Volume 2**

Publisher: IBM Press

Full text available: pdf(4.52 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

The Remote Procedure Call (RPC) paradigm is reviewed. The concept is described, along with the backbone structure of the mechanisms that support it. An overview of works in supporting these mechanisms is discussed. Extensions to the paradigm that have been proposed to enlarge its suitability, are studied. The main contributions of this paper are a standard view and classification of RPC mechanisms according to different perspectives, and a snapshot of the paradigm in use today and of goals for t ...

2 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

 November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

Publisher: IBM Press

Full text available: pdf(4.21 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

3 [Transactional client-server cache consistency: alternatives and performance](#)



Michael J. Franklin, Michael J. Carey, Miron Livny

 September 1997 **ACM Transactions on Database Systems (TODS)**, Volume 22 Issue 3

Publisher: ACM Press

Full text available: pdf(452.41 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Client-server database systems based on a data shipping model can exploit client memory resources by caching copies of data items across transaction boundaries. Caching reduces the need to obtain data from servers or other sites on the network. In order to ensure


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Terms used

remote execution modules and client and server and remote memory and functions

 Found **67,875** of
185,030

Sort results by


[Save results to a Binder](#)
[Try an Advanced Search](#)
[Try this search in The ACM Guide](#)

Display results


[Search Tips](#)
☐ Open results in a new window

Results 1 - 20 of 200

 Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

Best 200 shown

 Relevance scale ☐ ☐ ☐ ☐ ☐

1 [Distributed systems - programming and management: On remote procedure call](#)

Patrícia Gomes Soares

 November 1992 **Proceedings of the 1992 conference of the Centre for Advanced Studies on Collaborative research - Volume 2**

Publisher: IBM Press

Full text available: pdf(4.52 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

The Remote Procedure Call (RPC) paradigm is reviewed. The concept is described, along with the backbone structure of the mechanisms that support it. An overview of works in supporting these mechanisms is discussed. Extensions to the paradigm that have been proposed to enlarge its suitability, are studied. The main contributions of this paper are a standard view and classification of RPC mechanisms according to different perspectives, and a snapshot of the paradigm in use today and of goals for t ...

2 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

 November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

Publisher: IBM Press

Full text available: pdf(4.21 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

3 [A structural view of the Cedar programming environment](#)



Daniel C. Swinehart, Polle T. Zellweger, Richard J. Beach, Robert B. Hagmann

 August 1986 **ACM Transactions on Programming Languages and Systems (TOPLAS), Volume 8 Issue 4**

Publisher: ACM Press

Full text available: pdf(6.32 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper presents an overview of the Cedar programming environment, focusing on its overall structure—that is, the major components of Cedar and the way they are


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide

 SEARCH

THE ACM DIGITAL LIBRARY


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Remote evaluation

Full text Pdf (2.52 MB)

Source **ACM Transactions on Programming Languages and Systems (TOPLAS)** [archive](#)

 Volume 12 , Issue 4 (October 1990) [table of contents](#)

Pages: 537 - 564

Year of Publication: 1990

ISSN:0164-0925

Authors James W. Stamos Massachusetts Institute of Technology, Cambridge

David K. Gifford Massachusetts Institute of Technology, Cambridge

Publisher ACM Press New York, NY, USA

Additional Information: [abstract](#) [references](#) [citations](#) [index terms](#) [review](#) [collaborative colleagues](#) [peer to peer](#)
Tools and Actions: [Find similar Articles](#) [Review this Article](#)
[Save this Article to a Binder](#) Display Formats: [BibTex](#) [EndNote](#) [ACM Ref](#)
DOI Bookmark: Use this link to bookmark this Article: <http://doi.acm.org/10.1145/88616.88631>
[What is a DOI?](#)

↑ ABSTRACT

A new technique for computer-to-computer communication is presented that can increase the performance of distributed systems. This technique, called remote evaluation, lets one computer send another computer a request in the form of a program. A computer that receives such a request executes the program in the request and returns the results to the sending computer. Remote evaluation provides a new degree of flexibility in the design of distributed systems. In present distributed systems that use remote procedure calls, server computers are designed to offer a fixed set of services. In a system that uses remote evaluation, server computers are more properly viewed as programmable processors. One consequence of this flexibility is that remote evaluation can reduce the amount of communication that is required to accomplish a given task. In this paper we discuss the semantics of remote evaluation and its effect on distributed system design. We also summarize our experience with a prototype implementation.

↑ REFERENCES

Note: OCR errors may be found in this Reference List extracted from the full text article. ACM has opted to expose the complete List rather than only correct and linked references.

1 CORPORATE Adobe Systems Inc., PostScript language reference manual (2nd ed.), Addison-Wesley Longman Publishing Co., Inc., Boston, MA, 1990

2 Andrew D. Birrell, Secure communication using remote procedure calls, ACM Transactions on Computer Systems (TOCS), v.3 n.1, p.1-14, Feb. 1985

- 3 Andrew D. Birrell , Bruce Jay Nelson, Implementing remote procedure calls, ACM Transactions on Computer Systems (TOCS), v.2 n.1, p.39-59, February 1984
- 4 Andrew D. Birrell , Roy Levin , Michael D. Schroeder , Roger M. Needham, Grapevine: an exercise in distributed computing, Communications of the ACM, v.25 n.4, p.260-274, April 1982
- 5 F. Warren Burton, Annotations to Control Parallelism and Reduction Order in the Distributed Evaluation of Functional Programs, ACM Transactions on Programming Languages and Systems (TOPLAS), v.6 n.2, p.159-174, April 1984
- 6 Lisa A. Call , David L. Cohrs , Barton P. Miller, CLAM- an open system for graphical user interfaces, Conference proceedings on Object-oriented programming systems, languages and applications, p.277-286, October 04-08, 1987, Orlando, Florida, United States
- 7 DANIELS, D., SELINGER, P., HAAS, L., LINDSAY, B., MOHAN, C., WALKER, A., AND WILMS, P. An introduction to distributed query compilation in R*. In Distributed Databases: Proceedings of the 2nd International Symposium on Distributed Databases (Berlin, Sept. 1-3, 1982). North-Holland, Amsterdam, 1982, pp. 291-309.
- 8 EASTLAKE, III, D. E. Tertiary memory access and performance in the Datacomputer. In Proceedings of the 3rd International Conference on Very Large Data Bases (Tokyo, Oct. 6-8, 1977). ACM, New York, 1977, pp. 259-267.
- 9 Joseph R. Falcone, A programmable interface language for heterogeneous distributed systems, ACM Transactions on Computer Systems (TOCS), v.5 n.4, p.330-351, Nov. 1987
- 10 FARRELL, J. The Datacomputer--A network data utility. In First Berkeley Workshop on Distributed Data Management and Computer Networks (Berkeley, Calif., May, 1986). Lawrence Berkeley Lab., Berkeley, Calif., pp. 352-364.
- 11 R. Stockton Gaines, An operating system based on the concept of a supervisory computer, Communications of the ACM, v.15 n.3, p.150-156, March 1972
- 12 David Kenneth Gifford, Information storage in a decentralized computer system, 1981
- 13 GOSLING, J. Sundew: A distributed and extensible window system. In Proceedings of the 1986 Winter Usenix Technical Conference (Denver, Colo., Jan. 15-17, 1986). Usenix Assoc., El Cerrito, Calif., 1986, pp. 98-103.
- 14 Jim Gray, Notes on Data Base Operating Systems, Operating Systems, An Advanced Course, p.393-481, January 1978
- 15 G. Hallmark, Function request shipping in a database machine environment, Database Machines Sixth International Workshop, IWDM '89, Springer-Verlag New York, Inc., New York, NY, 1989
- 16 M. P. Herlihy, TRANSMITTING ABSTRACT VALUES IN MESSAGES, Massachusetts Institute of Technology, Cambridge, MA, 1980
- 17 Maurice P. Herlihy , Barbara Liskov, A Value Transmission Method for Abstract Data Types, ACM Transactions on Programming Languages and Systems (TOPLAS), v.4 n.4, p.527-551, Oct. 1982
- 18 HIKITA, S., KAWAKAMI, S., SAKAMOTO, A., AND MATSUSHITA, Y. An approach for customizing services of database machines. In Proceedings of the 5th International Workshop on Database Machines (Karuizawa, Japan, Oct. 5-8, 1987). Information Processing Society of Japan, 1987, pp. 305-318.

- 19 IBM CORPORATION. MVS/ESA SPL: Application development--extended addressability. IBM Form GC28-1854-0, IBM Corp., Armonk, N.Y., July 1988.
- 20 Eric Jul , Henry Levy , Norman Hutchinson , Andrew Black, Fine-grained mobility in the Emerald system, ACM Transactions on Computer Systems (TOCS), v.6 n.1, p.109-133, Feb. 1988
- 21 KHOSHAFIAN, S., AND VALDURIEZ, P. Parallel execution strategies for declustered databases. In Proceedings of the 5th International Workshop on Database Machines (Karuizawa, Japan, Oct. 5-8, 1987). Information Processing Society of Japan, 1987, pp. 626-639.
- 22 Bruce G. Lindsay , Laura M. Haas , C. Mohan , Paul F. Wilms , Robert A. Yost, Computation and communication in R*: a distributed database manager, ACM Transactions on Computer Systems (TOCS), v.2 n.1, p.24-38, February 1984
- 23 Barbara Liskov , Robert Scheifler, Guardians and Actions: Linguistic Support for Robust, Distributed Programs, ACM Transactions on Programming Languages and Systems (TOPLAS), v.5 n.3, p.381-404, July 1983
- 24 Barbara Liskov , Alan Snyder , Russell Atkinson , Craig Schaffert, Abstraction mechanisms in CLU, Communications of the ACM, v.20 n.8, p.564-576, Aug. 1977
- 25 B Liskov , E Moss , A Snyder , R Atkinson , J C. Schaffert , T Bloom , R Scheifler, CLU reference manual, Springer-Verlag New York, Inc., New York, NY, 1984
- 26 MARILL, T., AND STERN, D. The Datacomputer--A network data utility. In AFIPS Conference Proceedings, Vol. 44, 1975 NCC (Anaheim, Calif., May 19-23, 1975). AFIPS, Reston, Va., 1975, pp. 389-395.
- 27 Bruce Jay Nelson, Remote procedure call, 1981
- 28 D. Notkin , W. G. Griswold, Extension and software development, Proceedings of the 10th international conference on Software engineering, p.274-283, April 11-15, 1988, Singapore
- 29 NOTKIN, D., HUTCHINSON, N., SANISLO, J., AND SCHWARTZ, M. Report on the ACM SIGOPS workshop on accommodating heterogeneity. Oper. Syst. Rev. 20, 2 (Singapore, Apr. 11-15, 1988). ACM, New York, 1988, 9-24.
- 30 R. L. Rivest , A. Shamir , L. Adleman, A method for obtaining digital signatures and public-key cryptosystems, Communications of the ACM, v.21 n.2, p.120-126, Feb. 1978
- 31 SCHAUFLE, R. X11/NeWS design overview. In Proceedings of the Summer 1988 Usenix Conference (June 1988), pp. 23-35.
- 32 James William Stamos, Remote evaluation, Massachusetts Institute of Technology, Cambridge, MA, 1986
- 33 Steven R. Vegdahl, Moving structures between Smalltalk images, Conference proceedings on Object-oriented programming systems, languages and applications, p.466-471, September 29-October 02, 1986, Portland, Oregon, United States
- 34 WEINREB, D., AND MOON, D. Lisp Machine Manual. MIT Artificial Intelligence Laboratory, Cambridge, Mass., 1981.

↑ CITINGS 21

Computer Staff, Mobile Agents Make a Network an Open Platform for Third-Party Developers, Computer, v.27 n.11, p.89-90, November 1994

Eugene Hung , Joseph Pasquale, Web customization using behavior-based remote executing agents, Proceedings of the 13th international conference on World Wide Web, May 17-20, 2004, New York, NY, USA

Neeran M. Karnik , Anand R. Tripathi, Design Issues in Mobile-Agent Programming Systems, IEEE Concurrency, v.6 n.3, p.52-61, July 1998

Gian Pietro Picco , Gruia-Catalin Roman , Peter J. McCann, Expressing code mobility in mobile UNITY, ACM SIGSOFT Software Engineering Notes, v.22 n.6, p.500-518, Nov. 1997

David Wong , Noemi Paciorek , Dana Moore, Java-based mobile agents, Communications of the ACM, v.42 n.3, p.92-ff., March 1999

Sarah Monisha Pulimood , Boumediene Belkhouche, A Mobile Computational model for Internet programming, Proceedings of the 42nd annual Southeast regional conference, April 02-03, 2004, Huntsville, Alabama

Antonio Carzaniga , Gian Pietro Picco , Giovanni Vigna, Designing distributed applications with mobile code paradigms, Proceedings of the 19th international conference on Software engineering, p.22-32, May 17-23, 1997, Boston, Massachusetts, United States

Patrícia Comes Soares , Alan Randolph Karben, Implementing a delegation model design of an HPCC application using concert/C, Proceedings of the 1993 conference of the Centre for Advanced Studies on Collaborative research: distributed computing, October 24-28, 1993, Toronto, Ontario, Canada

Dennis Volpano, Provably secure programming languages for remote evaluation, ACM Computing Surveys (CSUR), v.28 n.4es, Dec. 1996

Kåre J. Lauvset , Dag Johansen , Keith Marzullo, TOS: kernel support for distributed systems management, Proceedings of the 2001 ACM symposium on Applied computing, p.412-419, March 2001, Las Vegas, Nevada, United States

James W. Stamos , David K. Gifford, Implementing Remote Evaluation, IEEE Transactions on Software Engineering, v.16 n.7, p.710-722, July 1990

Daniela Rus , Robert Gray , David Kotz, Transportable information agents, Proceedings of the first international conference on Autonomous agents, p.228-236, February 05-08, 1997, Marina del Rey, California, United States

Gian Pietro Picco , Gruia-Catalin Roman , Peter J. McCann, Reasoning about code mobility with mobile UNITY, ACM Transactions on Software Engineering and Methodology (TOSEM), v.10 n.3, p.338-395, July 2001

Luca Cardelli, A language with distributed scope, Proceedings of the 22nd ACM SIGPLAN-SIGACT symposium on Principles of programming languages, p.286-297, January 23-25, 1995, San Francisco, California, United States

Wolfgang Emmerich , Cecilia Mascolo , Anthony Finkelstein, Implementing incremental code migration with XML, Proceedings of the 22nd international conference on Software engineering, p.397-406, June 04-11, 2000, Limerick, Ireland

David Kotz , Robert Gray , Daniela Rus, Transportable agents support worldwide applications, Proceedings of the 7th workshop on ACM SIGOPS European workshop: Systems support for worldwide applications, September 09-11, 1996, Connemara, Ireland

David M. Hilbert , David F. Redmiles, Agents for collecting application usage data over the Internet, Proceedings of the second international conference on Autonomous agents, p.149-156, May 10-13, 1998, Minneapolis, Minnesota, United States

Michael Samulowitz , Florian Michahelles , Claudia Linnhoff-Popien, Adaptive interaction for enabling pervasive services, Proceedings of the 2nd ACM international workshop on Data engineering for wireless and mobile access, p.20-26, May 2001, Santa Barbara, California, United States

Leonidas I. Kontothanassis , Robert W. Wisniewski , Michael L. Scott, Scheduler-conscious synchronization, ACM Transactions on Computer Systems (TOCS), v.15 n.1, p.3-40, Feb. 1997

Gruia-Catalin Roman , Gian Pietro Picco , Amy L. Murphy, Software engineering for mobility: a roadmap, Proceedings of the conference on The future of Software engineering, p.241-258, June 04-11, 2000, Limerick, Ireland

Patrícia Gomes Soares, On remote procedure call, Proceedings of the 1992 conference of the Centre for Advanced Studies on Collaborative research, November 09-12, 1992, Toronto, Ontario, Canada

↑ INDEX TERMS

Primary Classification:

C. Computer Systems Organization

↳ C.2 COMPUTER-COMMUNICATION NETWORKS

Additional Classification:

C. Computer Systems Organization

↳ C.2 COMPUTER-COMMUNICATION NETWORKS

↳ C.2.1 Network Architecture and Design

↳ **Subjects:** Distributed networks

D. Software

↳ D.4 OPERATING SYSTEMS

↳ D.4.7 Organization and Design

↳ **Subjects:** Distributed systems

General Terms:

Design, Languages, Performance

↑ REVIEW

"Robert Bruce McLaughlin"

The new concept of distributed processing presented by Stamos and Gifford takes the idea of a remote procedure call (RPC) one step further. A remote evaluator (REV) is a remote server that is sent a program, executes the program, and returns the results to the client. A REV program is

allowed to contain invocations of programs to run on other servers. The authors are convinced that this approach will reduce network traffic compared to the conventional RPC. The authors give examples of REV programs, which illustrate the concept. The final section presents results of a simple test of the idea. The authors' recommendation is a variation of a concept that has been in use since the early days of telecomputing. They briefly discuss similar concepts, such as SunDew, CLAM, NCL, and Inter-Lisp-D, and compare them to their proposal. The authors leave the solution of several difficult problems—security, limiting resources consumed by the REV program, and deadlock control—to implementers. The paper does not address questions of resource control and allocation over the whole server network. The paper is for workers interested in distributed processing over a network. As such, the authors expect the reader to understand the technical details of such processing. The paper contains several network distributed processing references, with no apparent bias or omissions. *Online Computing Reviews Service*

↑ Collaborative Colleagues:

David K. Gifford:	Robert W. Baldwin	Angèle M. Hamel	Garry P. Nolan	Michael D. Schroeder
	Ziv Bar-Joseph	Alexander J. Hartemink	James O'Toole	Mark A. Sheldon
	Stephen T. Berlin	Alexander John Hartemink	James W. O'Toole	Itamar Simon
	Kenneth Conley	Tommi Jaakkola	James William O'Toole	Alex C. Snoeren
	Erik D. Demaine	Tommi S. Jaakkola	Omar D. Perez	Nathan Srebro
	Vincent Dornic	Pierre Jouvelot	Dana Peýer	James W. Stamos
	Andrzej Duda	Julia Khodor	Brian Reistad	Bienvenido Vélez
	Shlomit Farkash	Douglas A. Lauffenburger	Roni Rosenfeld	Bienvenido Jose Velez-Rivera
	Georg Gerber	John M. Lucassen	Karen Sachs	Ron Weiss
	Nathan Glasser	Roger M. Needham		Richard A. Young
James W. Stamos:	Flaviu Cristian			
	David K. Gifford			
	Allen Luniewski			
	Peter M. Schwarz			
	Kurt A. Shoens			
	Joachim Thomas			
	Honesty C. Young			

↑ Peer to Peer - Readers of this Article have also read:

- [Open signaling for ATM, internet and mobile networks \(OPENSIG'98\)](#) **ACM SIGCOMM Computer Communication Review** 29, 1
Andrew T. Campbell , Irene Katzela , Kazuho Miki , John Vicente
- [Active bridging](#) **ACM SIGCOMM Computer Communication Review** 27, 4
D. Scott Alexander , Marianne Shaw , Scott M. Nettles , Jonathan M. Smith
- [Active electronic mail](#) **Proceedings of the 2002 ACM symposium on Applied computing**
S. Karnouskos , A. Vasilakos
- [Object-oriented database management system for process control systems—development and evaluation](#) **Proceedings of the 1999 ACM symposium on Applied computing**
Ryuji Wakizono , Toshikazu Kawamura , Takehiko Tsuchiya , Takahiro Hatanaka , Tatsuji

Tanaka

- [Data structures for quadtree approximation and compression](#) **Communications of the ACM**
28, 9
Hanan Samet

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2006 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide


 [Report a problem](#) [Satisfaction:](#)

Terms used

distributing and remote accessing and remote modules and client and server and remote memory and func

 Sort results by
☒ [Save results to a Binder](#)
[Try an Advanced Search](#)

 Display results
☒ [Search Tips](#)
[Try this search in The ACM Gu](#)
☐ [Open results in a new window](#)

Results 1 - 20 of 200

 Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

Best 200 shown

Relevance sca

1 [Distributed systems - programming and management: On remote procedure call](#)

Patrícia Gomes Soares

 November 1992 **Proceedings of the 1992 conference of the Centre for Advanced Studies on Collaborative research - Volume 2**

Publisher: IBM Press

 Full text available: [pdf\(4.52 MB\)](#)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citing](#)s

The Remote Procedure Call (RPC) paradigm is reviewed. The concept is described, along with the backbone structure of the mechanisms that support it. An overview of works in supporting these mechanisms is discussed. Extensions to the paradigm that have been proposed to enlarge its suitability, are studied. The main contributions of this paper are a standard view and classification of RPC mechanisms according to different perspectives, and a snapshot of the paradigm in use to achieve goals for the future.

2 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

 November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

Publisher: IBM Press

 Full text available: [pdf\(4.21 MB\)](#)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial communication patterns.

3 [Operating systems security: Attestation-based policy enforcement for remote access](#)



Reiner Sailer, Trent Jaeger, Xiaolan Zhang, Leendert van Doorn

 October 2004 **Proceedings of the 11th ACM conference on Computer and communications security**

Publisher: ACM Press

 Full text available: [pdf\(261.52 KB\)](#)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Intranet access has become an essential function for corporate users. At the same time, corporate security administrators have little ability to control access to corporate data once it is released to remote clients. At present, no confidentiality or integrity guarantees about the remote access channel are made, so it is possible that an attacker may have compromised a client process and is now


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide

remote accessing and execution modules and client and server

SEARCH


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Terms used

remote accessing and execution modules and client and server and remote memory and functions

 Found
64,792
of
185,030

 Sort results
by

relevance


[Save results to a Binder](#)
[Try an Advanced Search](#)

 Display
results

expanded form


[Search Tips](#)
[Try this search in The ACM Guide](#)
☐ Open results in a new window

Results 1 - 20 of 200

 Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

Best 200 shown

 Relevance scale ☐ ☐ ☐ ☐ ☐

1 [Distributed systems - programming and management: On remote procedure call](#)

Patrícia Gomes Soares

 November 1992 **Proceedings of the 1992 conference of the Centre for Advanced Studies on Collaborative research - Volume 2**

Publisher: IBM Press

Full text available: pdf(4.52 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

The Remote Procedure Call (RPC) paradigm is reviewed. The concept is described, along with the backbone structure of the mechanisms that support it. An overview of works in supporting these mechanisms is discussed. Extensions to the paradigm that have been proposed to enlarge its suitability, are studied. The main contributions of this paper are a standard view and classification of RPC mechanisms according to different perspectives, and a snapshot of the paradigm in use today and of goals for t ...

2 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

 November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

Publisher: IBM Press

Full text available: pdf(4.21 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

3 [A structural view of the Cedar programming environment](#)



Daniel C. Swinehart, Polle T. Zellweger, Richard J. Beach, Robert B. Hagmann

 August 1986 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 8 Issue 4

Publisher: ACM Press

Full text available: pdf(6.32 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper presents an overview of the Cedar programming environment, focusing on its overall structure—that is, the major components of Cedar and the way they are organized.

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

[Search Results](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Results for "((remote accessing and remote execution modules and client and server and remote memory)
<in>..."

e-mail

Your search matched 0 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance** in **Descending** order.

[» Search Options](#)[View Session History](#)[New Search](#)**Modify Search****Search**☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract[» Key](#)

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

No results were found.

Please edit your search criteria and try again. Refer to the Help pages if you need assistance.

Indexed by

[Help](#) [Contact Us](#) [Privacy &](#)

© Copyright 2006 IEEE -

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

[Search Results](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Results for "((remote execution modules and client and server and remote memory)<in>metadata)"

e-mail

Your search matched 0 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» Search Options

[View Session History](#)[New Search](#)

Modify Search

☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

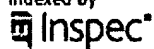
IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

No results were found.

Please edit your search criteria and try again. Refer to the Help pages if you need assistance.

Indexed by

[Help](#) [Contact Us](#) [Privacy & Policy](#)

© Copyright 2006 IEEE

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

[Search Results](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Results for "((remote accessing and remote execution modules)<in>metadata)"

[e-mail](#)

Your search matched 0 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance** in **Descending** order.

» Search Options

[View Session History](#)[New Search](#)

Modify Search

☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

No results were found.

Please edit your search criteria and try again. Refer to the Help pages if you need assistance with search.

Indexed by
[Help](#) [Contact Us](#) [Privacy & Policy](#)

© Copyright 2006 IEEE –

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

[Search Results](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Results for "((remote accessing and rpc and modules)<in>metadata)"

e-mail

Your search matched 0 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance** in **Descending** order.

» Search Options

[View Session History](#)[New Search](#)

Modify Search

Search☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

No results were found.

Please edit your search criteria and try again. Refer to the Help pages if you need assistance search.

Indexed by
 Inspec®[Help](#) [Contact Us](#) [Privacy & :](#)

© Copyright 2006 IEEE –



Welcome United States Patent and Trademark Office

☐ Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

Results for "((rpc and modules)<in>metadata)"

Your search matched 20 of 1397873 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

e-mail

» Search Options

[View Session History](#)
[New Search](#)

Modify Search

☐ Check to search only within this results set
Display Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

[Select All](#) [Deselect All](#)

- ☐ 1. **Cosmic-ray test of the installed endcap RPC modules in BELLE detector**
 Abe, K.; Azuchi, S.; Hanada, H.; Haitani, F.; Hoshi, Y.; Igarashi, Y.; Inoue, Y.; I Nagamine, T.; Nakajima, M.; Nakajima, T.; Nakano, E.; Narita, S.; Neichi, K.; S Takahashi, T.; Takayama, T.; Teramoto, Y.; Ueki, M.; Yamaga, M.; Yamaguch
Nuclear Science, IEEE Transactions on
 Volume 46, Issue 6, Dec. 1999 Page(s):2017 - 2021
 Digital Object Identifier 10.1109/23.819274
[AbstractPlus](#) | Full Text: [PDF\(416 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 2. **Constructing a configurable group RPC service**
 Hiltunen, M.A.; Schlichting, R.D.;
Distributed Computing Systems, 1995., Proceedings of the 15th International C
 30 May-2 June 1995 Page(s):288 - 295
 Digital Object Identifier 10.1109/ICDCS.1995.500031
[AbstractPlus](#) | Full Text: [PDF\(856 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 3. **Cosmic-ray test of the installed endcap RPC modules in BELLE detector**
 Abe, K.; Azuchi, S.; Hanada, H.; Haitani, F.; Hoshi, Y.; Igarashi, Y.; Inoue, Y.; I Nagamine, T.; Nakajima, M.; Nakajima, T.; Nakano, E.; Narita, S.; Neichi, K.; S Takahashi, T.; Takayama, T.; Teramoto, Y.; Ueki, M.; Yamaga, M.; Yamaguch
Nuclear Science Symposium, 1998. Conference Record, 1998 IEEE
 Volume 1, 8-14 Nov. 1998 Page(s):613 - 617 vol.1
 Digital Object Identifier 10.1109/NSSMIC.1998.775215
[AbstractPlus](#) | Full Text: [PDF\(308 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 4. **Detection of muons and K_L^0 mesons from e^+e^- collisions using the endcap in the Belle detector**
 Abe, K.; Azuchi, S.; Chinomi, S.; Hanada, H.; Handa, F.; Higuchi, I.; Hoshi, Y.; Inoue, Y.; Kawamura, N.; Muro, N.; Nagamine, T.; Nakajima, M.; Nakajima, Narita, S.; Neichi, K.; Sakaue, H.; Takahashi, T.; Takayama, T.; Teramoto, Y.; Yamaga, M.; Yamaguchi, A.; Yuta, H.;
Nuclear Science Symposium, 1999. Conference Record, 1999 IEEE
 Volume 1, 24-30 Oct. 1999 Page(s):240 - 244 vol.1
 Digital Object Identifier 10.1109/NSSMIC.1999.842485
[AbstractPlus](#) | Full Text: [PDF\(288 KB\)](#) IEEE CNF

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

[Search Results](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Results for "((rpc modules and client and server)<in>metadata)"

e-mail

Your search matched 0 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance** in **Descending** order.

» Search Options

[View Session History](#)[New Search](#)

Modify Search

☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

No results were found.

Please edit your search criteria and try again. Refer to the Help pages if you need assistance search.

Indexed by

[Help](#) [Contact Us](#) [Privacy & :](#)

© Copyright 2006 IEEE –

RESULT LIST

5 results found in the Worldwide database for:
dynamic module configuration in the title
(Results are sorted by date of upload in database)

- 1 Method for the dynamic configuration of an operator interface of a functional module**
Inventor: KOEHLER MAIK (DE); BRUNNER REINHARD (DE); (+3) Applicant:
EC: G05B19/05P IPC: **H02H11/00; H02H11/00**
Publication info: **US2006158044** - 2006-07-20
- 2 Scalability management module for dynamic node configuration**
Inventor: SCHWARTZ WILLIAM B (US); SODERLUND ADAM L (US); (+4) Applicant: IBM (US)
EC: IPC: **G06F1/24; G06F1/24; (IPC1-7): G06F1/24**
Publication info: **US2005071625** - 2005-03-31
- 3 Dynamic configuration of memory module using presence detect data**
Inventor: DELL TIMOTHY JAY (US); KELLOGG MARK WILLIAM (US) Applicant:
EC: G11C5/00; G11C7/10M7 IPC: **G11C5/00; G11C7/10; G11C5/00 (+2)**
Publication info: **US2001000822** - 2001-05-03
- 4 Dynamic configuration of memory module using modified presence detect data**
Inventor: DELL TIMOTHY JAY (US); KELLOGG MARK WILLIAM (US) Applicant: IBM (US)
EC: G11C5/00; G11C7/10M7 IPC: **G11C5/00; G11C7/10; G11C5/00 (+2)**
Publication info: **US6173382** - 2001-01-09
- 5 Dynamic configuration module for equipment integrated into a printer terminal**
Inventor: ABINADER HABIB; ROCHE DIDIER Applicant: TIV (FR)
EC: B41J21/16; G06F3/023P IPC: **B41J21/16; G06F3/023; B41J21/16 (+4)**
Publication info: **FR2542889** - 1984-09-21

Data supplied from the **esp@cenet** database - Worldwide

RESULT LIST

1 result found in the Worldwide database for:

RPC and remote execution in the title

(Results are sorted by date of upload in database)

1 Method for optimizing remote procedure call (RPC) and program execution method by use of the optimized RPC

Inventor: INOHARA SHIGEKAZU (JP); FUJIWARA

Applicant:

SHINJI (JP); (+2)

EC:

IPC: G06F15/16; G06F9/06; G06F9/44 (+6)

Publication info: US2005273792 - 2005-12-08

Data supplied from the **esp@cenet** database - Worldwide

RESULT LIST

0 results found in the Worldwide database for:

dynamic module configuration in the title AND **remote memory and client and server** in the title or abstract
(Results are sorted by date of upload in database)

Data supplied from the *esp@cenet* database - Worldwide